

1 CAGCTCTCAT TTCTCCAAAA ATGTGTTGGA GCCACTTGGAA AAATATGCCT  
GTCGAGAGTA AAGAGGTTTT TACACAAACT CGGTGAACCT TTTATACGGAA  
1 MetCysLeuS erHisLeuG1 uAsnMetPro

51 TTAAGCCATT CAAGAAGTCA AGGAGCTCAG AGATCATTCC GGAAGCTGTG  
AATTCCGTTAA GTTCTTGAGT TCCTCGAGTC TCTAGTAGGA CCTTCGACAC  
LeuSerHisS erArgThrG1 nGlyAlaGln ArgSerSert rpLysLeuTrp

101 GCTCTTTGC TCAATAGTTA TGTTGCTATT TCTTGCTCC TTCAGTTGGC  
CGAGAAAACG AGTTATCAAT ACAACGATAA AGAAACGAGG AAGTCAACCG  
28 LeuPheCys SerIleValM etLeuLeuPh eLeuCysSer PheSerTrpL

151 TAATCTTAT TTTTCTCCAA TTAGAGACTG CTAAGGAGCC CTGTATGGCT  
ATTAGAAATA AAAAGAGGTT AATCTCTGAC GATTCCTCGG GACATACCGA  
euIlePheII ePheLeuGln LeuGluThrA laLysGluPr oCysMetAla

201 AAGTTTGGAC CATTACCCTC AAAATGGCAA ATGGCATCTT CTGAACCTCC  
TTCAAACCTG GTAATGGGAG TTTTACCGTT TACCGTAGAA GACTTGGAGG  
61 LysPheGlyP roLeuProSe rLysTrpGln MetAlaSerS erGluProPr

251 TTGCGTGAAT AAGGTGTCTG ACTGGAAGCT GGAGATACTT CAGAATGGCT  
AACGCACCTA TTCCACAGAC TGACCTTCGA CCTCTATGAA GTCTTACCGA  
oCysValAsn LysValSerA spTrpLysLe uGluIleLeu GlnAsnGlyLeu

301 TATATTTAAT TTATGGCCAA GTGGCTCCC ATGCAAACTA CAATGATGTA  
ATATAAATTA AATACCGGTT CACCGAGGGT TACGTTTGAT GTTACTACAT  
95 TyrLeuII eTyrGlyGln ValAlaProA snAlaAsnTy rAsnAspVal

351 GCTCCTTTG AGGTGCGGCT GTATAAAAAC AAAGACATGA TACAAACTCT  
CGAGGAAAAC TCCACGCCGA CATATTTTG TTTCTGTACT ATGTTGAGA  
AlaProPheG luValArgLe uTyrLysAsn LysAspMetI leGlnThrLeu

401 AACAAACAAA TCTAAAATCC AAAATGTAGG AGGGACTTAT GAATTGCATG  
TTGTTTGTGTT AGATTTAGG TTTTACATCC TCCCTGAATA CTTAACGTAC  
128 ThrAsnLys SerLysIleG lnAsnValG1 yGlyThrTyr GluLeuHisV

451 TTGGGGACAC CATAGACTTG ATATTCAACT CTGAGCATCA GGTTCTAAAA  
AACCCCTGTG GTATCTGAAC TATAAGTTGA GACTCGTAGT CCAAGATTTT  
alGlyAspTh rIleAspLeu IlePheAsnS erGluHisG1 nValLeuLys

501 ATAATACAT ACTGGGGTAT CATTCTACTA GCAAATCCCC AATTCATCTC  
TTATTATGTA TGACCCCATA GTAAAATGAT CGTTTAGGGG TTAAGTAGAG  
161 AsnAsnThrT yrTrpGlyII eIleLeuLeu AlaAsnProG lnPheIleSe

551 CTAGAGACTT GATTTGATCT CCTCATTCCC TTCAGCACAT GTAGAGGTGC  
GATCTCTGAA CTAAACTAGA GGAGTAAGGG AAGTCGTGTA CATCTCCACG  
rAM\*

### FIG. I - I

601 CAGTGGGTGG ATTGGAGGGA GAAGATATTC AATTTCTAGA GTTTGTCTGT  
GTCACCCACC TAACCTCCCT CTTCTATAAG TTAAAGATCT CAAACAGACA  
651 CTACAAAAAT CAACACAAAC AGAACTCCTC TGCACGTGAA TTTTCATCTA  
GATGTTTTA GTTGTGTTG TCTTGAGGAG ACGTGCACCT AAAAGTAGAT  
701 TCATGCCTAT CTGAAAGAGA CTCAGGGAA GAGCCAAAGA CTTTTGGTTG  
AGTACGGATA GACTTTCTCT GAGTCCCCTT CTCGGTTCT GAAAACCAAC  
751 GATCTGCAGA AATACTTCAT TAATCCATGA TAAAACAAAT ATGGATGACA  
CTAGACGTCT TTATGAAGTA ATTAGGTACT ATTTGTTA TACCTACTGT  
801 GAGGACATGT GCTTTCAAA GAATCTTTAT CTAATTCTTG AATTCACTGAG  
CTCCTGTACA CGAAAAGTTT CTTAGAAATA GATTAAGAAC TTAAGTACTC  
851 TGGAAAAATG GAGTTCTATT CCCATGGAAG ATTTACCTGG TATGCAAAAA  
ACCTTTTAC CTCAAGATAA GGGTACCTTC TAAATGGACC ATACGTTTT  
901 GGATCTGGGG CAGTAGCCTG GCTTTGTTCT CATATTCTTG GGCTGCTGTA  
CCTAGACCCC GTCATCGGAC CGAAACAAGA GTATAAGAAC CCGACGACAT  
951 ATTCAATTCTT CTCATACTCC CATCTTCTGA GACCCTCCA ATAAAAAGTA  
TAAGTAAGAA GAGTATGAGG GTAGAAGACT CTGGGAGGGT TATTTTCAT  
1001 GACTGATAGG ATGGCCACAG ATATGCCTAC CATAACCCTAC TTTAGATATG  
CTGACTATCC TACCGGTGTC TATACGGATG GTATGGATG AAATCTATAC  
1051 GTGGTGTAG AAGATAAAGA ACAATCTGAG AACTATTGGA ATAGAGGTAC  
CACCACAATC TTCTATTCT TGTTAGACTC TTGATAACCT TATCTCCATG  
1101 AAGTGGCATA AAATGGAATG TACGCTATCT GGAAATTCTT CTTGGTTTTA  
TTCACCGTAT TTTACCTTAC ATGCGATAGA CCTTTAAAGA GAACCAAAAT  
1151 TCTTCCTCAG GATGCAGGGT GCTTTAAAAA GCCTTATCAA AGGAGTCATT  
AGAAGGAGTC CTACGTCCC CGAAATTCTT CGGAATAGTT TCCTCAGTAA  
1201 CCGAACCCCTC ACGTAGAGCT TTGTGAGACC TTACTGTTGG TGTGTGTGTC  
GGCTTGGGAG TGCATCTCGA AACACTCTGG AATGACAACC ACACACACAG  
1251 TAAACATTGC TAATTGTAAA GAAAGAGTAA CCATTAGTAA TCATTAGTT  
ATTTGTAACG ATTAACATTT CTTTCTCATT GTAAATCATT AGTAATCCAA

## FIG. I-2

1301 TAACCCCCAGA ATGGTATTAT CATTACTGGA TTATGTCATG TAATGATTTA  
ATTGGGGTCT TACCATAATA GTAATGACCT AATACAGTAC ATTACTAAAT  
  
1351 GTATTTTAG CTAGCTTCC ACAGTTGCA AAGTGCTTC GTAAAACAGT  
CATAAAAATC GATCGAAAGG TGTCAAACGT TTCACGAAAG CATTGTCA  
  
1401 TAGCAATTCT ATGAAGTTAA TTGGGCAGGC ATTTGGGGGA AAATTTTAGT  
ATCGTTAAGA TACTTCAATT AACCCGTCCG TAAACCCCT TTTAAAATCA  
  
1451 GATGAGAATG TGATAGCATA GCATAGCCAA CTTTCCTCAA CTCATAGGAC  
CTACTCTTAC ACTATCGTAT CGTATCGGTT GAAAGGAGTT GAGTATCCTG  
  
1501 AAGTGACTAC AAGAGGCAAT GGGTAGTCCC CTGCATTGCA CTGTCCTCAGC  
TTCACTGATG TTCTCCGTTA CCCATCAGGG GACGTAACGT GACAGAGTCG  
  
1551 TTTAGAATTG TTATTTCTGC TATCGTGTAA TAAGACTCTA AAACCTAGCG  
AAATCTTAAC AATAAAGACG ATAGCACAAT ATTCTGAGAT TTTGAATCGC  
  
1601 AATTCACTTT TCAGGAAGCA TATTCCCCCT TAGCCCAAGG TGAGCAGAGT  
TTAAGTGAAA AGTCCTTCGT ATAAGGGGAA ATCGGGTTCC ACTCGTCTCA  
  
1651 GAAGCTACAA CAGATCTTTC CTTTACCAGC ACACTTTTT TTTTTTTTCC  
CTTCGATGTT GTCTAGAAAG GAAATGGTCG TGTAAAAAAA AAAAAAAAGG  
  
1701 TGCCTGAATC AGGGAGATCC AGGATGCTGT TCAGGCCAAA TCCCAACCAA  
ACGGACTTAG TCCCTCTAGG TCCTACGACA AGTCCGGTTT AGGGTTGGTT  
  
1751 ATTCCCCTTT TCACTTTGCA GGGCCCATCT TAGTCAAATG TGCTAACTTC  
TAAGGGGAAA AGTGAACGT CCCGGTAGA ATCAGTTAC ACGATTGAAG  
  
1801 TAAAATAATA AATAGCACTA ATTCAAAATT TTTGGAATCT TAAATTAGCT  
ATTTTATTAT TTATCGTGAT TAAGTTTAA AAACCTTAGA ATTTAATCGA  
  
1851 ACTTGCNGGT TGCTTGTTGA AAGGNATATA ATGATTACAT TGTAAACAAA  
TGAACGNCCA ACGAACAACT TTCCNTATAT TACTAATGTA ACATTGTTT  
  
1901 TTTAAAATAT TTATGGATAT TTGTAAAAG CTGCATTATG TTAAATAATA  
AAATTTTATA AATACCTATA AACACTTTTC GACGTAATAC AATTTATTAT  
  
1951 TTACATGTAA AGCT  
AATGTACATT TCGA

FIG. 1-3

			A	A'	B	B'	
DNA	19355	52	ETAKEPCMAKFG-----	-----PLPSK-----	WQMASSEP-----	PCVNKVSDWK-----	
TNF- $\alpha$	84	PSDK-PVAHVVA-----	-----NPQAEG-QLQ-----	-----WLNRR-ANALLANGVELRDNO			
Apo2L	119	GPQR-VAAHITGGRSNTLSSPN SKNEKALGRKINSWE	SSRGHFSFLSNLH-LRN	GE-----			
CD95L	142	E-LR-KVAHLTG-----	-----KSNSRSM-PL-----	-----WEDTY-GIVLLS-GVKYKKGG			
Lt $\alpha$	59	STLK-PA AHLIG-----	-----DPSKQN-SLL-----	-----WRANT-DRAFLQDGFSLSNN			
			B	C	D	E	
DNA	19355	86	LEILQNGLYLIYQVAPNAN-----	-----YNDVAPFEVRLYKNK-----	DMIQTLTNK-----	SKIQN	
TNF- $\alpha$	124	LVPSEGLYLIYSQVLFKGQGCP-----	-----STHVLLLHTHSRIAVS-----	-----YQTKVNL	LSAIKS		
Apo2L	175	LVIHEKGFYIYSQTYFRFQEEIKENTKNDKQMVQYIYKTSYPDPI-----	-----LLMKSARNSC				
CD95L	182	LVINETGLYFVY SKVYFRGQSC-----	-----NNLPLSHKVYMRNSKY-----	-----PQDLVMMEGKMMS			
Lt $\alpha$	99	LLVPTSGIYFVY SQVVFSGKAYSPKATSSPPLAHEVQLFSSQYPFHVPLL-SSQKMVY					
		F	G	H			
DNA	19355	136	-----VGGTYELHVGDIDLIFNSEHQVLKNNT-----	-----YWGIIILLANPQF-1S			
TNF- $\alpha$	176	PCQRETPEGAEAKPWYEPIYLGGVGQLEKGDRLLSAEINRPDYLDFAESGQVYFGI	-----I	-----TIAL			
Apo2L	232	-----WSKDAEYGLYSIYQCGIFELKENDRIFVSVTNEHLIDMDHEA-SFFGAGLVG					
CD95L	233	-----YCTTGQMWARSYLGAVFNLT SADHLYVNVS ELSLVNF-EESQTFFFGLYKL					
Lt $\alpha$	157	-----PGLQEPWLHSMYHGAFAQLTQGDQLS THTDGIPHLVL-SPSTVFFGAFAL					

**FIG. 2**

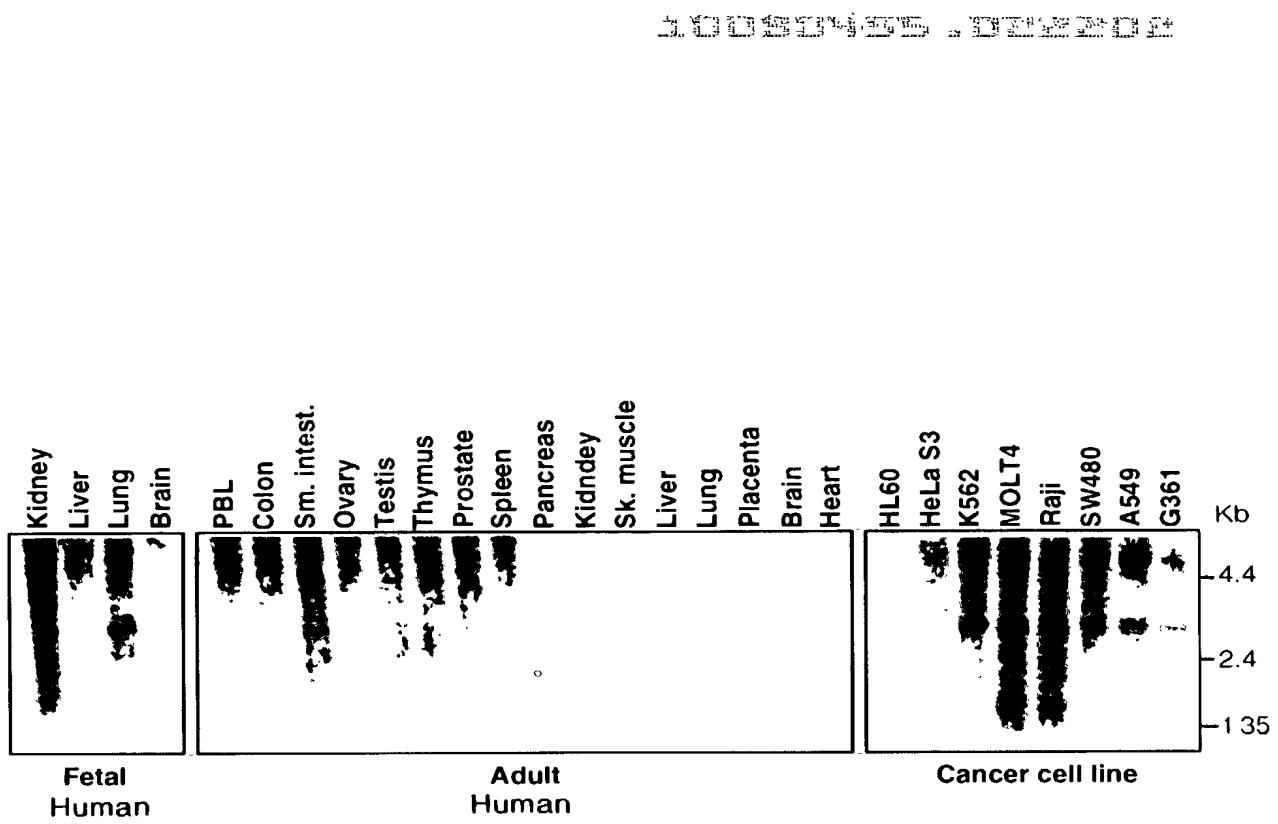


FIG. 3

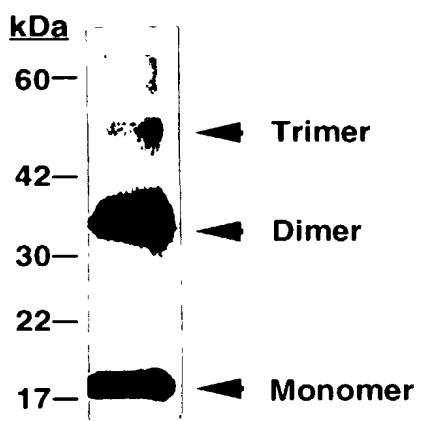


FIG. 4

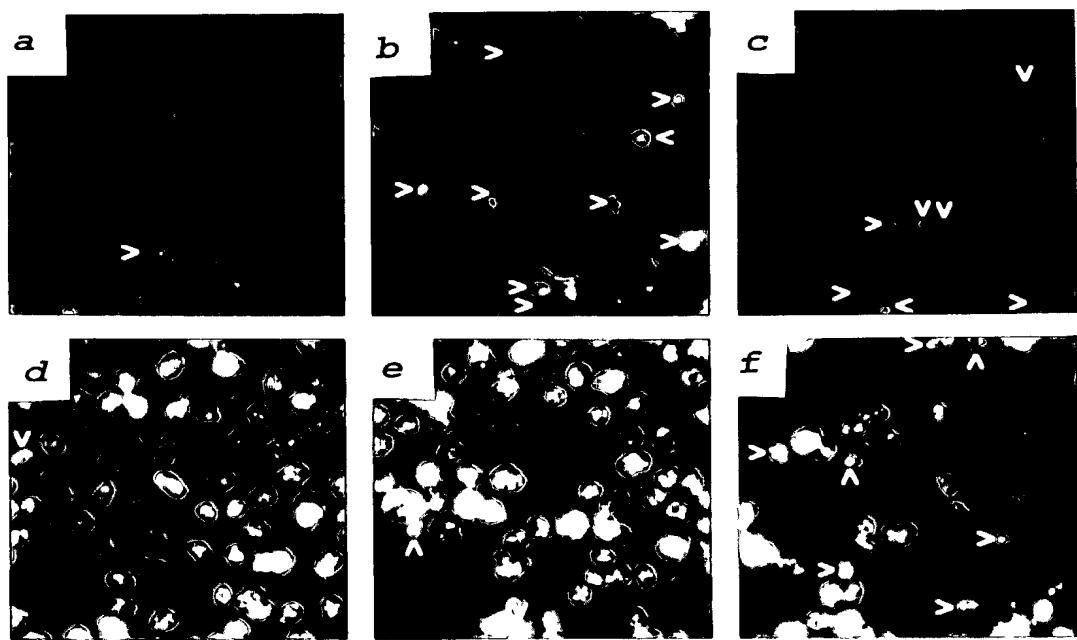


FIG. 5A

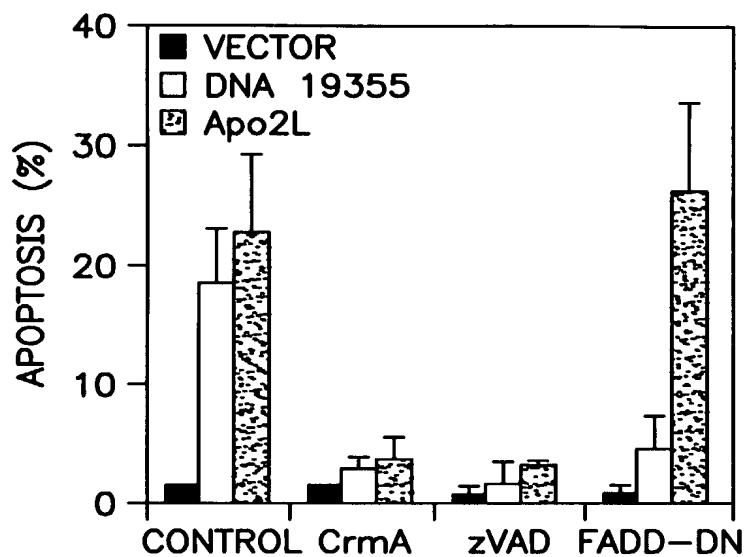


FIG. 5B

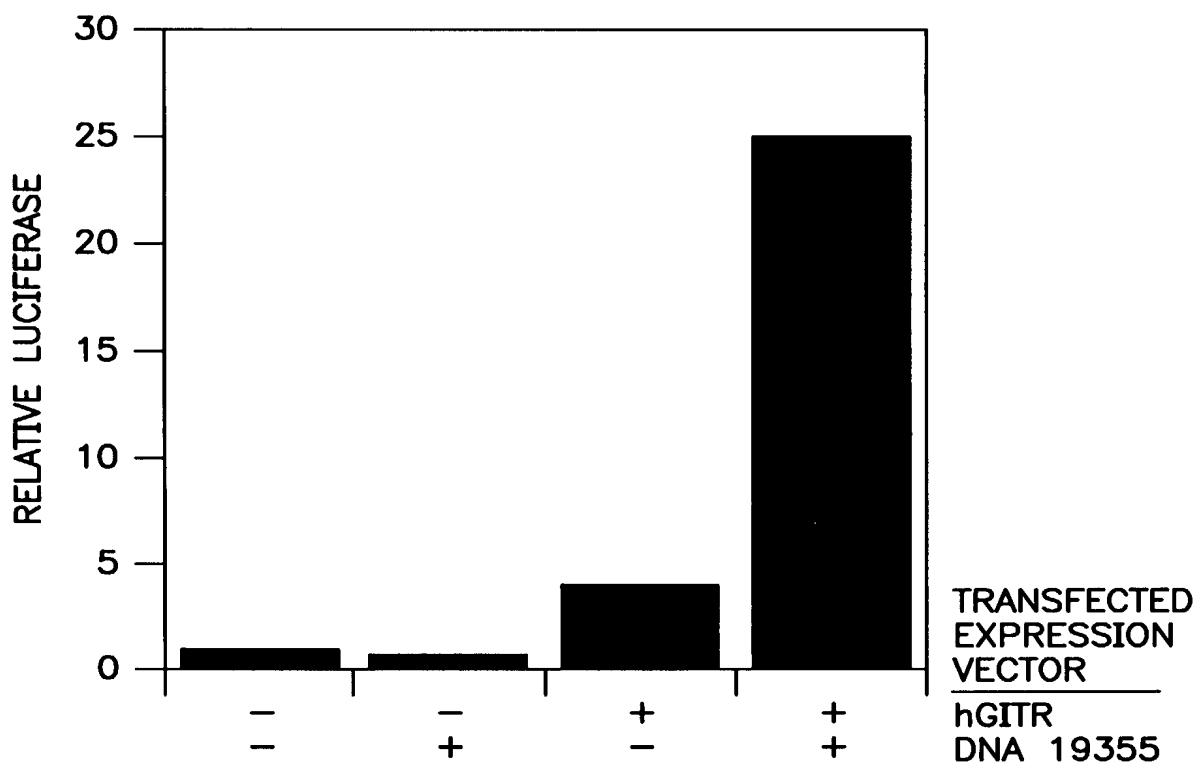


FIG. 10

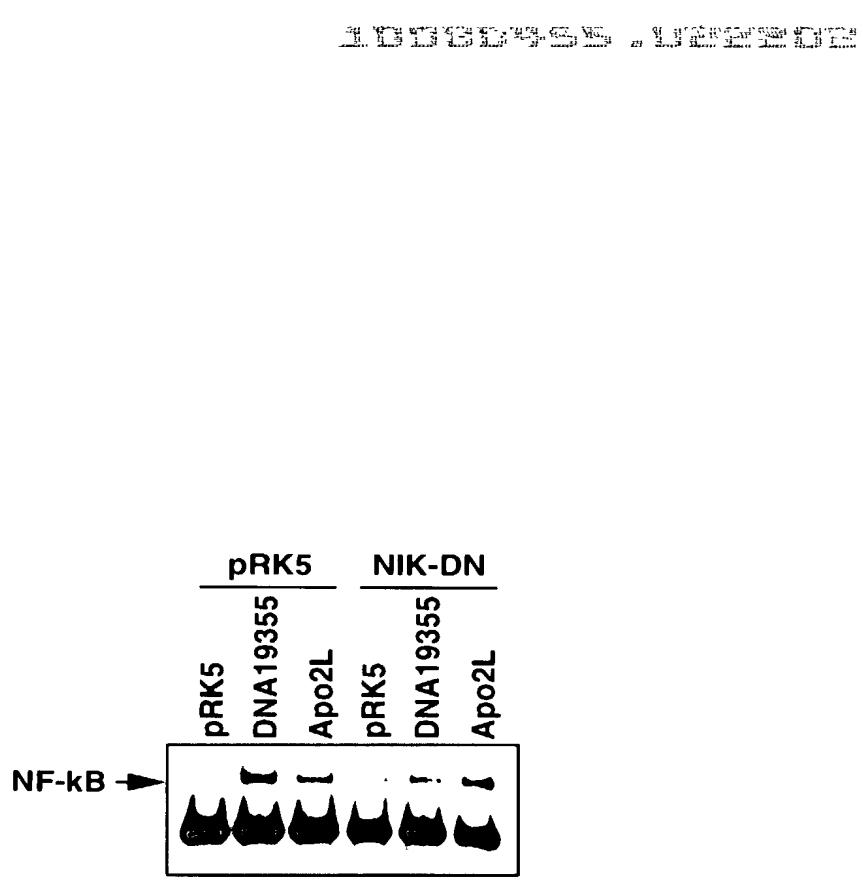


FIG. 6

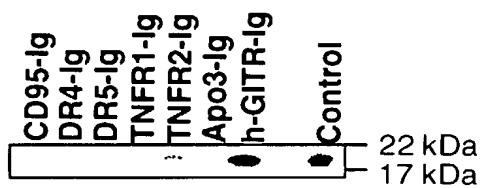


FIG. 8

hGTR	1	M A Q H G A M G A F R A L C G L A L L C A L S L G Q R P - T G G P G G G P G R L L L G T G T D A R C	C R D 1
mGTR	1	- - - - - M G A W A M L Y G V S M L C V L D L G Q P S V V E P G G G P G K V Q N G S G N N T R C	
hGTR	50	C R V H T T R C C R D Y P G E E C C S E W D C M C V Q P E F H C G D P C C T T C R H H P C P P G Q G	C R D 2
mGTR	45	C S L Y A - - - - - P G K E D C P K E R C I C V T P E Y H C G D P Q C K T C K H Y P C Q P G Q R	
hGTR	100	V Q S Q G K F S F G F Q C I D C A S G T F S G H E G H C K P W T D C T Q F G F L T V F P G N K T H	•
mGTR	88	V E S Q G D I V F G F R C V A C A M G T F S A G R D G H C R L W T N C S Q F G F L T M F P G N K T H	
hGTR	150	N A V C V P G S P P A E P L G W L T V V L L A V A A C V L L L T S A Q L G L H I W Q L R S Q C M W P	C R D 3
mGTR	138	N A V C I P E P L P T E Q Y G H L T V I F L V M A A C I F F L T T V Q L G L H I W Q L R S Q C M W P	
hGTR	200	R E T Q L L L E V P P S T E D A R S C Q F P E E R G E R S A E E K G R L G D L W V	T M
mGTR	188	R E T Q P F A E V Q L S A E D A C S F Q F P E E R G E Q - T E E K C H L G G R W P	

FIG. 7

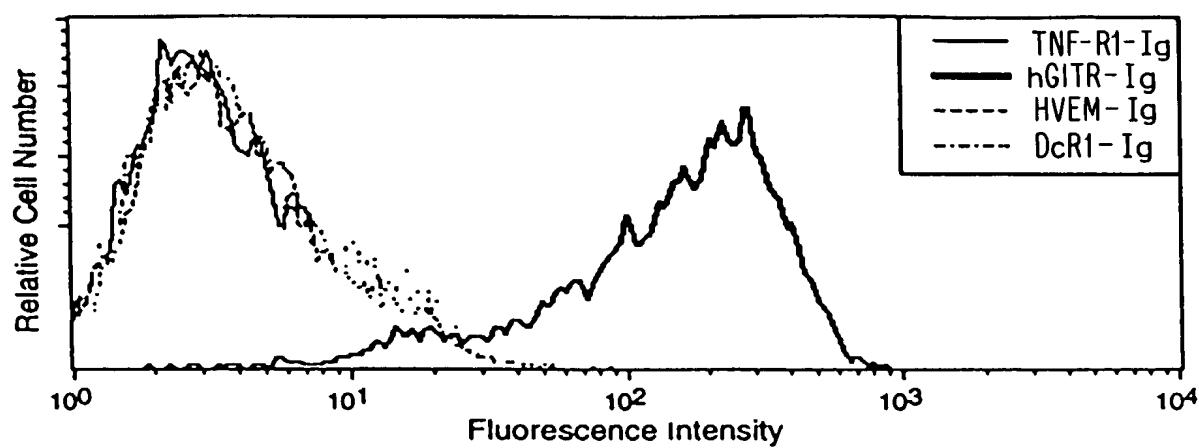


FIG. 9A

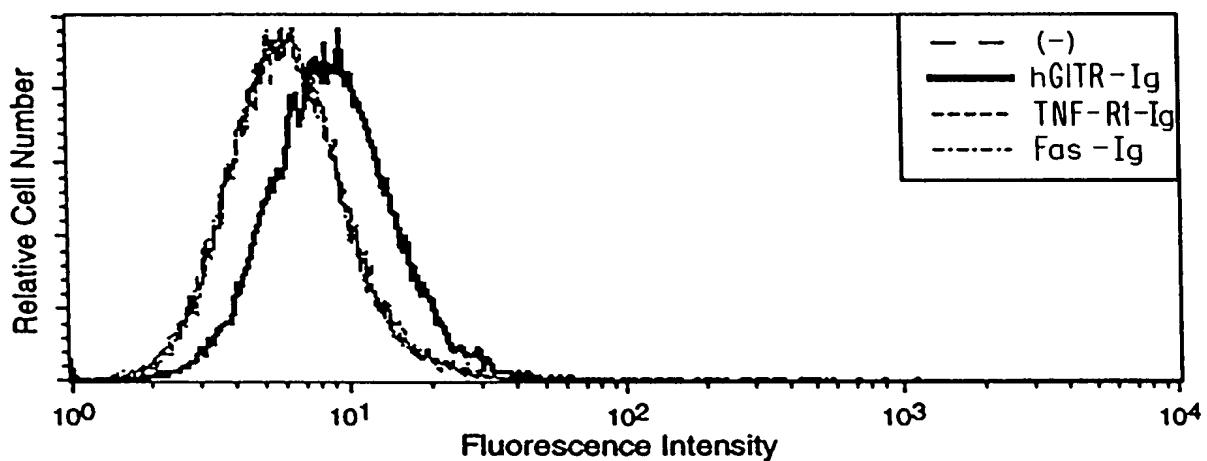


FIG. 9B

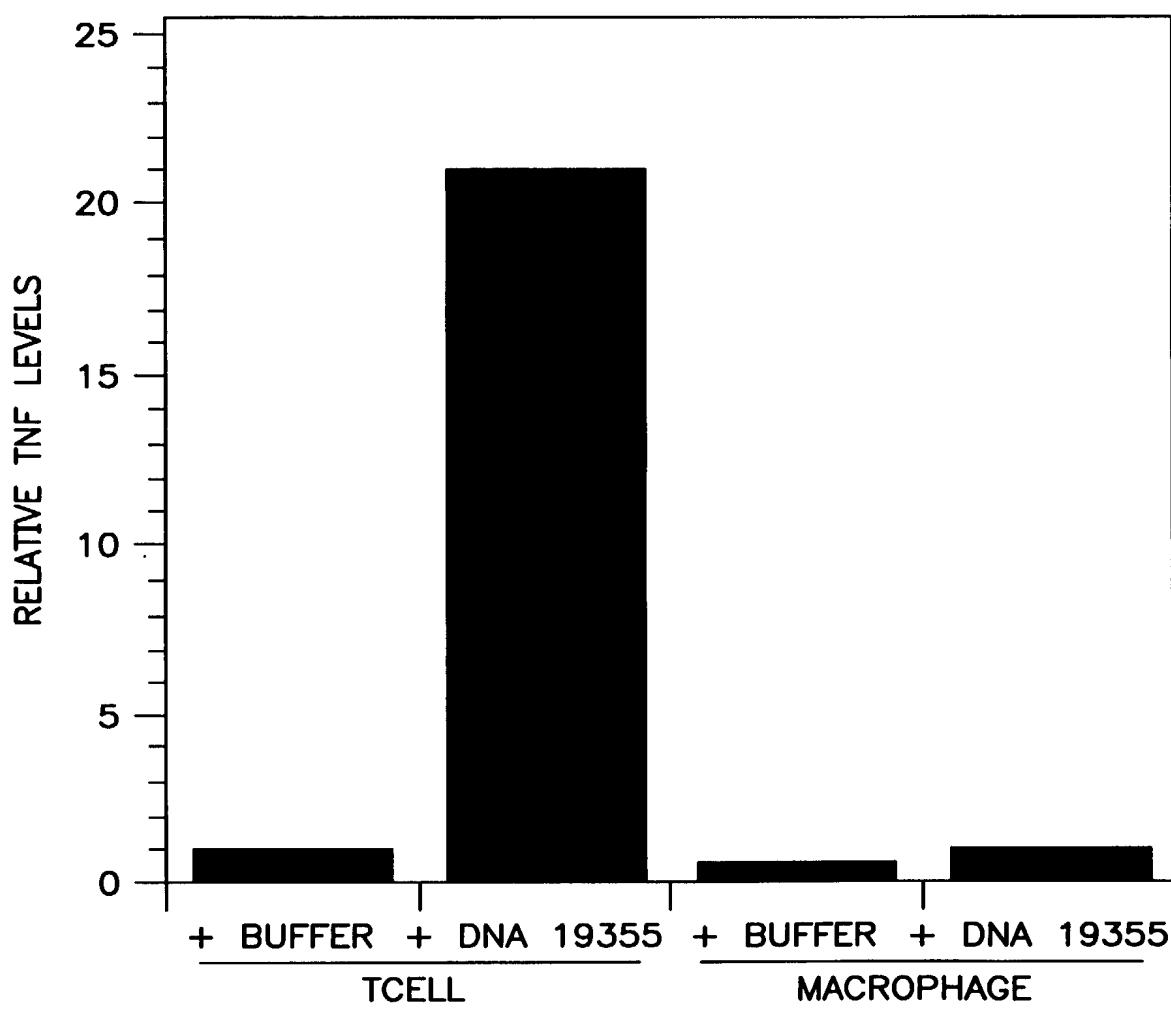


FIG. 11